

CELEDA, J.

"Organization of Research Institutes in the Chemical Industry." p. 393 (Za  
Socialistickou Vedu A Techniku, Vol. 3, no. 9, Sept. 1953, Praha)

SO: Monthly List of East European Accessions, Vol. 3, No. 3, Library of Congress, March 1954, Unclassified, 1953.

CELEDA, J.

"Substance, Matter, Mass. p. 131." (MATHEMATICKO-PRIRODOVÉDECKE ROZHLEDY, Vol. 32, no. 5, 1953, Praha, Czechoslovakia)

So: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954/Unclassified

CELENDA, J.

"Important Trends in Research Work Carried Out by the Czechoslovak Chemical Industries in the Period Before Nationalization." p. 9, Praha, Vol. 4, no. 1, Jan. 1954.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308020007-1

GELEDA, J.

"New type of chemical engineer." Chemicky Prumysl, Praha, Vol. 4, No. 6, June 1954, p. 203.

SC: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308020007-1"

CELEDA, J. : GAL, T.

"Some Words About Mathematics in the Practical Work of a Chemist", P. 321,  
(CHEMICKY PRUMYSL, Vol. 4, No. 9, Sept. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,  
No. 1, Jan. 1955, Uncl.

*CELEVRN*

*2*

**CZECH**

1903. New method of testing the permeability of packing material to organic vapours. J. CELEVRN  
*Prumysl Potravin*, 1854, 5, 203-4; *Chem. Abstr.* 1954, 48, 14041. The method has been worked out for a group of organic vapours represented by allyl isothiocyanate. The vapours penetrating the film are caused to react with an alcoholic ammonium hydroxide solution and determined quantitatively. In plastic films such as acetylcellulose and polyvinyl chloride a sudden sharp rise in permeability caused by softening of the material was noted.  
*M. G.*

3521121.02612321.4403

Celeda, J.

What tasks are placed before the Czechoslovak chemical industry by the utilization  
of nuclear energy? P. 53.

(Vol. 5, no. 2, Feb. 1955.)  
(Resolution adopted at the meeting of active workers of the chemical industry,  
February 5, 1955, in Prague. p. 45.)  
(Excerpts from an address delivered by J.Pucik, Minister of the Chemical  
Industry. p. 47.)

CHEMICKY PRUMYSL

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9,  
Sept. 1955, Uncl.

Celeda, J.

Significant anniversary; in commemoration of the 100th anniversary of Bohuslav  
Brauner's birth. p. 222.

Vol. 5, no. 5, May 1955.  
CHEMICKY PRUMYSL

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9,  
Sept. 1955, Unci.

CELEDA, J.

TECHNOLOGY

Periodical CHEMICKY PRUMYSL. Vol. 8, no. 2, Feb. 1958.

CELEDA, J. The theory of Warder's method. p. 64.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3, March, 1959. Uncl.

CZECHOSLOVAKIA / Physical Chemistry. Solutions. Theory B-11  
of Acids and Bases.

Abs Jour: Ref Zhur-Khimiya, No 2, 1959, 3980.

Author : Celeda, J.

Inst : Not given.

Title : A Method for the Rapid Calculation of Titration Curves.

Orig Pub: Chem Prumysl, 8, No 3, Suppl No 1, 1-12 (1958)  
(in Czech with summaries in English and Russian).

Abstract: A new method has been developed for the calculation of neutralization curves based on the determination of the consumption of titrating reagent in the form of the sum of the fractions required for the titration of the ionized and of the unionized reaction components. Tables of the

1/2

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their Application. Elements. Oxides. Mineral Acids. Bases. Salts. H-8

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 15958

Author : Celeda, J.

Inst : Not given

Title : Theory of the Varder's Method

Orig Pub : Chem. prumysl, 1958, 8, No 2, 64-71

Abstract : Systematical analysis of error sources involved in the Varder's method for the determination of sodium carbonate and of caustic soda as applied to industrial product control practices is given. This analysis is based on the present-day concepts of ionic equilibria of solutions. The bibliography includes 18 titles. -- I. Yelinek

Card 1/1

H- 23

CELEDA, J.

TECHNOLOGY

PERIODICAL: CHEMICKY PRUMYSL, VOL. 11, no. 3, 1958

Celeda, J. National Chemical Convention in Gottwaldov. p. 532.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 5,  
May 1959, Unclass.

CELEDA, J.

Chemicky kalendar na rok 1959 (Chemical Almanac for the year 1959); a review. p. 95

CHEMICKE PRUMYSI. (Ministerstvo chemickeho prumyslu) Praha, Czechoslovakia  
Vol. 9, No. 2, Feb. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 7, July 1959  
Uncl.

CELEDA, Jiri

Structure and apparent volume of anorganic hydrates of ions in water  
solutions. Sbor chem. tech no.3, part 1:15-50 '59.

1. Katedra anorganické chemie, Vysoká škola chemicko-technologická,  
Praha.

CELEDA, Jiri

Analysis of complex systems by means of neutralization titration  
using the Guta & Kamen universal indicator. Sbor chem tech 4 no.2:  
11-53 '60.  
(EEAI 10:9/10)

1. Institut fur Technologie der Kernbrennstoffe und Radiochemie,  
Chemisch-technologische Hochschule, Prag.

(Complex compounds) (Volumetric analysis)

CELMER, J.

On the education of chemical engineers. Chem. Eng. Ed., Vol. 6,  
709-711, Je 1948.

CELEDA, Jiri, doc. inz.

On the eve of the 1965 jubilee year. Chem prum 15  
no.1:1-3 Ja '65.

1. Editor, "Chemicky prumysl."

CELEDA, Jiri

Bohuslava Rozanova dies. Chem prum 15 no.2:117 F '65.

L 29315-66

ACC NR: AP6004382

SOURCE CODE: CZ/0009/65/000/010/0582/0585  
*25*  
*B*

AUTHOR: Mrnka, M.; Celeda, J.

ORG: Department of Nuclear Fuel Technology and Radio Chemistry, VSCHT, Prague  
(Katedra technologie jadernych paliv a radiochemie, VSCHT)

TITLE: The extraction of acids with N-octyl aniline. II. Extraction of sulfuric acid

SOURCE: Chemicky prumysl, no. 10, 1965, 582-585

TOPIC TAGS: sulfuric acid, hydrochloric acid, fuel composition, ~~nuclear fuel~~  
~~CHEMICAL SEPARATION~~

ABSTRACT: The article reports on the experimental investigation of the complicated relations observed in the extraction of sulfuric acid and an attempt is made to interpret the results by using the conclusions drawn from a previous study of the extraction of hydrochloric acid. The data obtained from the study of the extraction of hydrochloric acid gives the key to the understanding of these relations which are of the greatest importance from the point of view of technology. The results of the chemical analysis of the organic phase and of the cryoscopic determination of its degree of polymerization show that sulfuric acid is extracted by N-octyl aniline in the form of N-octylaniline hydrogen sulphate from which are formed, in the organic phase, cyclic members (similar to N-octyl aniline) which are linked into polymeric

UDC: 66.094.94  
66.061.3

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micelles. These latter add on to the cyclic members in the ratio of 1:1. If the ratio of acid salt to normal salt approaches 1, the excess hydrogen sulphate separates as a third phase. Orig. art. has: 3 tables, 5 formulas and 8 figures. [11]

SUB CODE: 07/ SUBM DATE: 05Jul65/ ORIG REF: 001/ OTH REF: 003/ SOV REF: 001

Card 2/2 BK

CZECHOSLOVAKIA

CELEDA, J; JEDINAKOVA, V

Institute of Nuclear Fuel Technology and Radio-  
Chemistry, College of Chemical Engineering, Prague  
- (for both)

Prague, Collection of Czechoslovak Chemical Communi-  
cations, No 1, January 1967, pp 271-279

"Contribution to the chemistry of highly concentrated  
aqueous solutions of electrolytes. Part 9: Research  
on the aqueoucomplexes of the ions  $Zn^{2+}$ ,  $Cd^{2+}$ , and  
 $Hg^{2+}$  with the aid of the method using the evidence of  
molar volume."

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308020007-1

CELEDOVA, V.

"On the Problem of Soil Contamination in Towns and Rural Areas," Prague,  
Ceskoslovenska Hygiena, Vol. V, No. 2-3, Prague, Mar 60, p. 185.

Affiliation: Institute of Hygiene, Prague.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308020007-1"

CELEDOVA, Vladana

The applicability of Khlebnikov's "sanitary index" as a criterion for evaluating the purity of soil. J. Hyg. Epidem., Praha 2 no.2:225-236 1958.

1. Institute of Hygiene, Prague 12, Srobarova 48, Czechoslovakia.  
(SOIL, microbiology  
evaluation of soil purity by Khlebnikov's sanitary index)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308020007-1

CELEDOVA, V.

Soil hygiene. Cefk. hyg. 7 no.6:327-330 Jl '62.  
(SOIL) (SANITATION)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308020007-1"

HAVLIK, B.; CELEDOVA, Vl.

On the sanitary significance of synantropic flies (Diptera) of the  
Prague flats. Cesk. hyg. 7 no.8:468-474 S '62.

1. Ustav hygieny, Praha.  
(HOUSEFLIES) (HOUSING)

HAVLIK, B.; CELEDOVA, V.

Czechoslovakia

Hygiene Institute (Ustav Hygieny), Prague. - (for both)

Prague, Ceskoslovenska hygiena, No 8, Sep 62, pp 468-474.

"On the Sanitary Significance of Synantropic Flies (diptera)  
in Prague Apartments".

CELEDOVA, V.; PROKESOVA, N.; HAVLIK, B.; MULLER, O.

Demonstration of migration of *Musca domestica* from pig sheds  
into human dwellings. J.hyg.epidem. 7 no.3:360-370 '63.

1. Institute of Hygiene, Prague.

X

CELEGIN, Ante, inz. (Split, Rijecka ulica 8/II)

Beginning of the use of water power in Dalmatia. Energija  
Hrv 11 no.1/2:7-11 '62.

OLEGIN, Yu.

An effective noise suppressor. p. 28.

ELEKTROTEHNIKAR. (Tehnicka knjiga) Zagreb, Yugoslavia.  
Vol. 13, no. 3/4, 1959.

Monthly list of the East European Accessions (EEA) LC, Vol. 8, no. 1, Aug. 1959.

Uncl.

CELEGIN, Marijan (YU2IU)

Transmitting-receiving stations for the operators of the  
third class. Elektrotehnica 15 no. 3/4:48-45. '61.

GELEJI, Sandor, akademikus; VADASZ, Elemer, akademikus

Report of the activity of the Division for Technical Sciences,  
Hungarian Academy of Sciences. Muszaki kozl MTA 33 no.1/4:  
17-42 '64

1. Magyar Tudomanyos Akademia Muszaki Tudomanyok Osztalya  
titkara; "A Magyar Tudomanyos Akademia Muszaki Tudomanyok  
Osztalyanak Kozlanyei" szerkesztoje (for Geleji).

FEST, T.; CELEMEN, A.; FEST, G.; ALMASI, S.

The effect of para-aminosalicylic acid on the development of  
experimental goiter. Rev. sci. med. 5 no.3/4:145-148 '60.  
(PARA-AMINOSALICYLIC ACID pharmacol.)  
(GOITER exper.)

CELENTE, I.; CIOBANU, G.; GABRIEL, M.

Mechanization of agriculture, an important factor in the increase of production and labor productivity. Probleme econ 14 no.7:27-42 Jl '61.

CELERYN, J.

Permeability of packing materials and its importance. p. 309.  
Vol. 6, no. 6. 1955. PRUMYSL POTRAVIN. Praha.

Source: East European Accessions List (EEAL), LC, Vol. 5, no 3. March 1956.

CELERYN, J.

Packing materials, paraffin paper. 2. p. 390.

PRUMYSL POTRAVIN. Praha.

Vol. 6, no. 8, 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956.

CELEBYN, J.

"Plastic packing material."

PRUMYSL POTRAVIN. Praha, Czechoslovakia. Vol. 6, no. 10, 1955.

Monthly list of East European Accessions (EAAI), LC, Vol. 6, No. 6, Jun 59, Unclassified

CELEKYM, J.

"Saving nonferrous metals in packing."

PRUVYSL POTRAVIN. Praha, Czechoslovakia. Vol. 6, no. 10, 1955.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclassified

Celeryn, Jan

CZECHOSLOVAKIA/Chemical Technology, Chemical Products and  
Their Application, Part 3. - Food Industry.

II-28

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 34341.

Author : Jan Celeryn.

Inst : Not Given.

Title : Upon the Properties of Polyethylene Films Used for  
Packing Food Products.

Orig Pub: Prumysl potravin, 1957, 8, No 9, 496-498.

Abstract: The results of water and gas permeability tests of  
polyethylene film under various conditions are pre-  
sented.

Card : 1/1

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CELERYN, J.

"Packing meat, meat products, and poultry." P. 160.

PRUMYSL POTRAVIN. (Ministerstvo potravinarskeho prumyslu). Praha,  
Czechoslovakia, Vol. 10, No. 3, 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,  
August 1959.  
Unclu.

*Chemical II.*  
Czechoslovakia /Chemical Technology. Chemical Products H-5  
and Their Application  
Water treatment. Sewage water.

Abs Jour: Referat Zhur - Khimiya, No 1, 1958, 1795

Author : Novotny J., Velek K., Celeryn Z.

Title : Sorption of Phenols from Sewage Water of Gas  
Plants with Ionites

Orig Pub: Paliva, 1956, 36, No 10, 335-342

Abstract: Description of the results of experiments,  
carried out under static and kinetic conditions.  
Composition of the phenolic fraction (in %):  
phenol 50.0, cresols 28.5, zylenols 21.5. The  
main bulk of the phenols must be removed from  
the sewage water by some other procedure, for  
example, by extraction with phenolsolvant. In  
such a case the extent of purification reaches

Card 1/2

*Plynarensky ustan Prague - Bechovice*

Czechoslovakia /Chemical Technology. Chemical Products H-5  
and Their Application  
Water treatment. Sewage water.

Abs Jour: Referat Zhur - Khimiya, No 1, 1958, 1795

98%. Under kinetic conditions were tested:  
strongly-basic anionite OAL, cathionite F Extra,  
Zeocarb 225 and Wofatit R. Under static condi-  
tions were tested Zeocarb 225, cathionite FN  
and F extra, and Wofatit S. The best results  
were obtained with Wofatit R and cathionite F,  
which sorb up to 18.5 g of phenol per 1 liter of  
cathionite. Cathionites sorb the phenols more  
readily from an acid medium ( $0.14\text{ N H}_2\text{SO}_4$ ), the  
anionites -- from an alkaline ( $0.6\text{ N NH}_3$ ).

Card 2/2

KONIK, V.; SMEJKAL, J.; CELERYN, Z.

Chromatographic separation of liquid products obtained by the  
Fischer-Tropsch synthesis. Prace Ust paliv vol. 7:233-245 '64.

CELERYNOWA, M.

"The Treatment of Wrapping Paper for Foodstuffs." p. 225 (PRUMYSL POTRAVIN, Vol. 4, No. 5, 1953) Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

CELERNOVA, M.

Research on the relative moisture content in an equilibrated state and its significance for picking technique and the storing of foodstuffs. pl 311.  
Vol. 6, no. 6. 1955. PRUMYSL POTRAVIN. Praha.

Source: East European Accessions List (EEAL), LC, VOL. 5, No. 3. March 1956.

~~Milada~~, Celerynova, M.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and their K-5  
Applications. Cellulose and Cellulose Products.  
Paper.

Abs Jour: Ref Zhur.-Khimiya, 1958, No 1, 3318.

Author : Ccelernova Milada

Inst :

Title : Oil Impenetrability of Paper

Orig Pub: Papir a celulosa, 1956, 11, No 3, 62-66.

Abstract: Methods for determining the impenetrability to oils and fats of parchment paper (flame test, methods of oil penetration under pressure, the fuchsin method, etc.) were investigated. These methods give results which are reproducible but which cannot be correlated. The most accurate methods are considerably time-consuming and require special equipment. Methods wherein fuchsin solu-

Card : 1/2

M. CELERYNOVA

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and  
their Application. Part 4 - Cellulose and  
Its Derivatives, Paper.

H-32

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 13244.

Author : M. Celerynova, J. Stepek, M. Trnka.

Inst : Not given

Title : Paraffin Mixtures for Paper Coating.

Orig Pub : Papir a celulosa, 1957, 12, No 8, 175 - 178.

Abstract : Preparations of paraffin, polyethylene and polyisobutylene mixtures for the treatment of packing paper were developed. Coating with paraffin alone not always satisfies the requirements presented to packing paper.

Card 1/1

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308020007-1

CELESNIK, Franc

CELESNIK, Franc, prof. dr.

Accidents in teeth extraction. Zobozdrav. vest., Ljubljana 9 no.

1-2:30-36 1954.

(TEETH EXTRACTION, compl.)

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APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308020007-1"

ČRLESNIK, Franc, prof. dr.

Dentist's duties in the practice. Zobozdrav. vest., Ljubljana 9  
no. 4-6:141-145 1954.

1. Referat na sestanku Drustva zobozdravstvenih delavcev Slovenije  
septembra 1954.

(DENTISTRY  
dentist's tasks)

CELESNIK, F.

LIEBOURG, L.; CREPY, Cl., Hop. Beaujon; CELESNIK, Franc, prof. dr. [translator]

Salivary fistulas. Zobozdrav. vest., Ljubljana 9 no.4-6:159-165 1954.

(FISTULA

parotid gland, surg.)

(PAROTID GLAND, fistula

surg.)

CELESNIK, F.

DUMAS, Pierre, dr.; BRUGIRARD, T., prof.; CELESNIK, Franc, prof. dr.  
[translator]

Correction of the nasal crest by implantation of heterogenous  
cartilage. Zobozdrav. vest., Ljubljana 9 no.4-6:165-167 1954.

(NOSE, surg.

plastic, heterogenous cartilage implantation)

(TRANSPLANTATION

heterogenous cartilage in correction of nasal crest)

**CELESNIK, Franc, prof. dr.**

Prosthetic obstacles as a result of daily surgical interventions;  
their prevention and treatment. Zobozdrav. vest., Ljubljana '9  
no.4-6:177-181 1954.

1. Referat na strokovnem sestanku Drustva zobozdravstvenih delavcev  
Slovenije septembra 1954.

(TEETH EXTRACTION  
management after, as prep. for dent. prosth.)  
(DENTAL ANESTHESIA  
after teeth extraction, management)

CELESNIK, F.

Intraoral osteoplastic operations. Acta chir. plast. 5 no.4:  
266-274 '63.

1. Stomatological Clinic, Medical Faculty, Ljubljana (F.R.  
Yugoslavia) Director: Prof. J. Rant, M.D.  
(MAXILLA) (MANDIBLE) (BONE DISEASES)  
(BONE NEOPLASMS) (SURGERY, ORAL)

CELESNIK, Franc, prof. dr.

Our experience in the treatment of metastasis in the neck.  
Chir. maxillofac. (Zagreb) 5 no.1:20-26 '65.

CELEU, Ivan



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C. ELIC, Z.

1. U.S. Pharmacopeia, Veterinary Chemists, Vol. 15, No. 11, 1962.

2. Robert the Root, of Preparing and Cleaning Oral Medicines, V. J. HILDEBRAND, 2, 1940, U.S. Patent Office, Serial No. 1,351,515, filed Dec. 1, 1937, issued Jan. 12, 1940. This patent describes a technique for preparing and cleaning oral medications by using a vegetable root system, particularly carrots, as a binding agent.

3. Practical Handbook of Veterinary Practice, L. C. DUNN, 1940, 2nd edition, published by the American Veterinary Association, Chicago, Ill., pp. 166-167.

4. Handicrafts, Alice M. Grotzschel, University of Minnesota Press, Minneapolis, Minn., 1947, pp. 1-20.

5. New Horizons, Department of the Soil, of the Soil Conservation Service, U.S. Department of Agriculture, Washington, D.C., 1948, pp. 803-4.

6. Properties of Domestic Materials in Fabrication, H. H. SCHWARTZ, 1948, U.S. Patent Office, Serial No. 2,037,450.

7. Veterinary Course in Deep Layers of Poetry and Other Poems, Herbert D. BRONK, 1948, U.S. Patent Office, Serial No. 2,037,451.

8. Animal Production Plans, Edmund Industrial Production of Heat and Fuel Works, Inc., pp. 817-818.

9. Scaling Losses in 1000' H. GCO, pp. 828-829.

10. Domestic Life in California, M. F. FREDRICKSON, R. K. MULVANEY, H. W. HEDBERG, 1948, University of California Press, Berkeley, Calif., pp. 1-100.

11. Handbook of Veterinary Pathology, Carl E. Johnson, 1948, C. V. Mosby Co., St. Louis, Mo., pp. 1-100.

— 1/2 —

F  
CELIK, R.

19th International Congress of Navigation in London, 1957. p.1728.  
TEHNIKA. Beograd. Vol. 10, no. 12, 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress  
Vol. 5, No. 6, June 1956

CELIKOV, A.I. [Tselikov,A.I.], prof. (Szovjetunio)

New ways of iron smelting. Technika 8 no. 3:2 Mr '64.

FRANC, J.; CELIKOVSKA, G.

Chromatography of organic substances. VIII. Separation of aldehydes  
and ketones after condensation with cyanacetohydrazide. Coll Cz Chem  
26 no.3:667-672 Mr '61. (EEAI 10:9)

1. Institut fur organische Synthesen, Pardubice-Rybitvi.

(Aldehydes) (Ketones) (Chromatography)  
(Organic compounds) (Cyanoacetohydrazide)

CELIKOVSKA, G.

(3)

CZECHOSLOVAKIA

RADEMACHER, R., DVM; CELIKOVSKA, G., Engineer, DVM;  
DOHNAL, V., DVM; JURAK, E., DVM.

Hradec Kralove (for all)

Prague, Veterinarstvi, No 3, 1963, pp 131-134

"A Case of Leukosis of Red Danish Cattle."

ČELIKOVSKÝ, A.

Distr: AEBd/4E20

Zinc(II) selenide. I. Spectral transparency of thin films; luminescence. Jiff Klíkorka, Majař Macjovec, Jaromír Horák, and Alex Čelikovský. (Vysoká škola chem.-technol. Pardubice.) *Ibid.* 52, 1860-71  
—By sublimation of ZnSe *in vacuo* fractions of different color and of different impurity content were obtained. The dependence of spectral transparency of thin films of the purest fraction on the wave length was detd. The luminescence intensity of individual fractions under the influence of cathode rays and its dependence on the wave length in the visible spectrum (yellow-red) was studied.  
II. Nature of the luminescence of zinc(II) selenide. Jaromír Horák, Jiff Klíkorka, and Alex Čelikovský. *Ibid.* 1872-8.—The luminescence of ZnSe tempered in a reducing or oxidizing atm., *in vacuo*, or in N was studied; the possible lattice defects are discussed. The most probable luminescence centers are Se vacancies in the cubic lattice of ZnSe.  
III. Rectifying effect of the Zn|ZnSe|Al cell. *Ibid.* 1990-8.—The Al-ZnSe contact has a purely ohmic character. The Zn-ZnSe contact shows, after formation, a rectifying effect and the ZnSe shows n-type cond. R. Erdös

ČELIKOVSKY, A.

CZ/8/52(82)/10-27/59

AUTHORS: Horák, J., Klikorka, J. and Čelikovsky, A.  
TITLE: Dn. Zinco-Selenide. III. Rectifying effect of Zn/ZnSe/Al  
cell (O selenidu zinečnatém. III. Uzávěrovací efekt  
těkavé Zn/ZnSe/Al)

PERIODICAL: Chemické Listy, 1958, Vol 52(82), Nr 10, pp 1996-1998  
(Czechoslovakia)

ABSTRACT: The Zn/ZnSe/Al cell was examined for rectifying effect.  
This cell did not show good rectifying properties. Diagram  
of cell is given together with its method of  
preparation and certain results.  
There are 3 figures, 1 table and 4 references, 3 of which  
are Czech, 1 English.

ASSOCIATION: Vyšší škola chemicko-technologická, Pardubice  
(Technical University of Chemical Technology, Pardubice)

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Card 1/1

Thermal dissociation of zinc oxide. Jiri Klikorka, Jaromír Horák, and Alex Čelikovský (Vysoká škola chem.-technol., Pardubice, Czech.). *Chem. Listy* 52, 2220-9 (1958).—ZnO prep'd. by the dichydration of pure  $Zn(OH)_2$  was tempered at temps. from 400 to 1400° in air at normal pressure and at a pressure of  $10^{-3}$  mm. From its luminescence one concludes that in the temp. range 800–1400° predominantly elementary O is split out; the  $Zn^{++}$  ions remaining in their normal lattice positions; their charges are compensated by the electrons which are left from the O ions.

E. Erdös

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CELIKOVSKY A.

The luminescence of cadmium tungstate. J. Klikorka,  
J. Horák, and A. Čelikovský (Vysoká škola chemicko-  
technol., Pardubice, Czech.). Collection Czechoslov. Chem.  
Communs. 25, 388-93(1960).—Radiation intensity vs. wave  
length was detd. for CdWO<sub>4</sub> samples heated in air, O, H, N,  
and *in vacuo*. From the luminescence intensities and posi-  
tions of resulting max. the processes are discussed which lead  
to the formation of luminescent samples. The effect of the  
presence of Cr<sup>+++</sup> and Mn<sup>++</sup> ions on the luminescence in-  
tensity was investigated. E. Erdős

5

CELIKOVSKY, A.

Distr: 4E2c

The conductivity of silver tungstate. J. Klikorka, A. Celkovsky, and J. Horak (Vysoká škola chemicko-technol., Pardubice, Czech.). Collection Czechoslov. Chem. Commun. 25, 587-9 (1960).—The temp. dependence of the cond. of  $\text{Ag}_3\text{WO}_6$  has an exponential character typical of semiconductors. The cond. does not depend on the partial pressure of the O.  
E. Erdős

CELIKOVSKY, JAROSLAV

Spectrophotometric and colorimetric determination of  
vitamin A with perchloric acid. František Čáta and Jaroslav  
Čelikovský (Vysoká škola chem., Prague). Chem.  
Listy 48: 1349-50 (1954).—A simple spectrophotometric and  
colorimetric method for the detn. of vitamin A is based on a  
color reaction developed by the addn. of 59.1%  $\text{HClO}_4$  to a  
 $\text{CHCl}_3$  soln. of vitamin A. The measurements are preceded  
by centrifugation of a turbidity formed after the addn. of  
 $\text{HClO}_4$ . Absorption max. of the coloration is 5430 Å. For  
the colorimetric method, a standard prepd. of phenol red at  
pH 8.4 (max. absorption at 5750 Å) was used. The  
presence of vitamin D does not interfere with the detn. of  
vitamin A. M. Hudlický

. CELIKOVSKY J.

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and  
Their Application - Fats and oils. Waxes. Soap.  
Detergents. Flotation reagents

J-11

Abs Jour : Referat Zhur - Khimiya, No 2, 1958, 6084

Author : Celikovsky Jaroslav

Inst : Not given

Title : Enrichment of Vegetable Fats with Vitamins

Orig Pub : Prumysl potravin, 1955, 6, No 12, 590-594

Abstract : Description of the results of two plant-scale experiments  
on enrichment of vegetable oil (O) with a concentrate of  
vitamin A (I), containing 300 000 international units per  
1 g. Purity and biological activity of the concentrate  
were checked spectrophotometrically. The concentrate was

Card 1/2

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and J-11  
Their Application - Fats and oils, Waxes, Soap.  
Detergents, Flotation reagents

Abs Jour : Referat Zhur - Khimiya, No 2, 1958, 6084

Abstract : added to the O to give a content of 25 international units  
of I per 1 g of finished product. The experiments showed  
that: 1) taste characteristics of vitamin-fortified O do  
not differ from untreated O; 2) distribution of I in the  
finished product was found to be adequate; 3) total losses  
of I in production and after storage of the finished product,  
for 2 months, were 20% of the initial amount, including  
8-9% of loss during production.

Card 2/2

CELIKOVSKY JAROSLAV

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their I-10  
Application. Fats and Oils. Waxes. Soap. Detergents.  
Flotation Reagents.

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2696

Author : Celikovsky Jaroslav

Inst :

Title : Changes in Tocopherol Content of Vegetable Oils on  
Refining and Hydrogenation.

Orig Pub : Prumysl potravin, 1956, 7, No 2, 91-93

Abstract : No abstract.

Card 1/1

CELIKOVSKY, J.

CELIKOVSKY, J. Highly unsaturated fatty acids in vegetable oils and butter. p. 366. Vol. 7, no. 8, 1956. PRUMYSL POTRAVIN. Praha, Czechoslovakia.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

*Celikovsky Jaroslav*

CZECHOSLOVAKIA/Analytical Chemistry - Analysis of  
Inorganic Substances.

E-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24744

Author : Vydra Frantisek, Celikovsky Jaroslav

Inst : -  
Title : Determination of Gold by the Method of Ultraviolet  
Spectrophotometry.

Orig Pub : Chem. listy, 1957, 51, No 4, 768-770

Abstract : Description of a spectrophotometric method of determina-  
tion of Au in the form of  $\text{AuCl}_4^-$ . The Au sample to be  
analyzed is dissolved in aqua regia, evaporated several  
times with HCl, the residue is dissolved in 0.1 N HCl and  
photometered at  $311.5 \text{ m}\mu$  (the maximum of light absorp-  
tion of  $\text{AuCl}_4^-$  is at this wave length; molecular extinc-  
tion coefficient is 5760). With 4-30/ml Au the determi-  
nation error is about  $\pm 1.07\%$ . Within the range of 0.1-5  
N HCl the effect of HCl concentration in the solution can

Card 1/2

CZECHOSLOVAKIA / Analytical Chemistry - Analysis of Inorganic  
Substances.

E-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 24744

be disregarded; presence of NaCl also does not interfere up to concentration 0.1-1 N. At pH above 2.5 (acetate buffer solution) a lowering of extinction is observed. An analogous determination of Au in the form of  $\text{AuBr}_4^-$  (light absorption maximum at 254 m $\mu$ ; molecular extinction coefficient 42560; determination error  $\pm 3.3\%$ ) is interfered with by traces of Br<sub>2</sub> present in 0.1 N HBr. However, in this case 0.1 N KBr can be used which at normal temperature quantitatively converts  $\text{AuCl}_4^-$  to  $\text{AuBr}_4^-$ .

Card 2/2

/2

*CELIKOVSKY, J.*

CZECHOSLOVAKIA / Analytical Chemistry. Analysis of E  
Inorganic Properties.

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 64183

Author : Vydra F, Celikovsky J

Inst : Not given

Title : Determination of Gold By the UF-Spectrophotometer Method.

Orig Pub: Collect Czechosl. Chem. communs, 1958, 23,  
No 3, 539-542

Abstract: See RZhKhim, 1958, 24744.

Card 1/1

CELIKOUKY, K.

PHASE I BOOK EXPLOITATION

Z/6284

Jerie, Jan, ed., Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences

základní problémy ve stavbě spalovacích turbín (Basic Problems in the Construction of Gas Turbines [collection of articles]). Prague, Nakl. CAV, 1962. 627 p. 1600 copies printed.

Sponsoring Agency: Československá akademie věd.

Ed. of Publishing House: Marie Moravcová; Tech. Ed.: František Končický.

PURPOSE: The book is intended to familiarize turbine designers with recent developments in the design of gas turbines and to present some research results which may be helpful in designing more efficient turbines.

COVERAGE: The book comprises articles by leading Czechoslovak turbine experts on thermodynamic cycles, flow research in turbine components,

burning of fuel in combustion chambers, axial compressors, and characteristics of turbines manufactured in Czechoslovakia.

Basic Problems in the Construction (Cont.)	z/6284
V. Svoboda, J. Šinták, J. Feirfeil, and J. Městán (Prague Electrical Engineering Plant, Prague). Axial Compressors Manufactured by the Českomoravská Kolben Daněk Electrical Equipment Plant	457
V. Folta and M. Vlasák (State Research Institute for Heat Engineering, Prague). Theoretical and Experimental Results of Studies on the Properties of Axial Compressors	485
M. Vlasák. Axial Compressors for High Pressure Ratios	499
R. Dvořák (Institute for Machine Research, Czechoslovak Academy of Sciences, Prague) and K. Čelikovský (Aviation Research and Testing Institute, Letňany). Flow in the Transonic and Supersonic Stage of an Axial Compressor	513
O. Buňata ("Jan Šverma" Plant, Jinonice). Inlet Air in a Radial Compressor at Transonic Flow Velocities	529

Card 7/8

2/2

L-24856-65 - EWT(d)/EWT(l)/EWP(m)/EWT(m)/EWP(w)/EWP(f)/EWP(c)/EWA(d)/EWP(v)/T/  
EWP(k)/EWP(l) Pd-1/Pf-4 EM/VH

ACCESSION NR: AP3011563

2/0059/63/000/001/0019/0025

37  
B

AUTHOR: Celikovsky, Karel (Engineer)

TITLE: Production requirements for axial compressor blades from the point of view of the aerodynamic parameters of the stage

SOURCE: Letnany. Vyzkumny a zkusebni letectky ustav. Zpravodaj VZLU. no. 1,  
1963, 19-25

TOPIC TAGS: axial compressor stage, blade profile, Reynolds number, profile surface quality, compression, adiabatic coefficient, blade tolerance, blade precision, axial compressor stage design

ABSTRACT: This article analyzes the effect of the quality of fabrication of compressor blades on the basic characteristics of an axial compressor stage with small air mass flow. The effect of fabrication inaccuracies and surface roughness have been investigated in detail. Special tests were made on the experimental stage of an axial compressor with chord b equal to 25 mm and a Reynolds number of  $4.0 \cdot 10^5$  at VZLU (Aeronautical Research and Test Institute) to determine the effect of surface roughness of the blade profiles on compression and the

Card 1/3

L 24856-65

ACCESSION NR: AP3011563

adiabatic coefficient. The results of the experiments show the fundamental effect of roughness on these parameters, and the production tolerances and roughness of the blade surfaces of the experimental stages at VZLU were recognized as favorable. It was demonstrated that at least the relative accuracy currently required of blades for aircraft compressors is necessary for the experimental and development work being carried on with a view to accumulating more experimental data for the improvement of compressor stage design. For blades produced in Czechoslovakia this means producing profiles to a precision of  $+0.02 + 0.03$  mm which the experiments conducted at VZU have shown it is possible to achieve without too much difficulty. Initially at VZU profiles of a precision of  $+0.05$  mm were insisted upon, but as the fabrication technique was mastered, this tolerance was narrowed down to  $\pm 0.03$  mm. The latest blade assemblies produced at VZU have even smaller tolerances:  $-0.01$  to  $+0.02$  mm. It was shown that for blade profiles for the experimental stages at VZU tolerances of  $\pm 0.01$  are sufficient to meet the required parameters, especially the adiabatic efficiency, and that the surface quality of these profiles is satisfactory. Orig. art. has: 12 figures.

Cord 2/3

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308020007-1

L 24855-65

ACCESSION NR: AP3011563

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: PR, AC

NO REF Sov: 004

OTHER: 006

Card 3/3

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000308020007-1"

I-26373-65 EWT(d)/EWT(1)/EPA/EWP(w)/EWT(m)/EWP(f)/EWP(v)/EMG(v)/T-2/EPR/  
EPA(cc)-2/EWP(k)/EWA(c) Pe-5/Pt-4/Pw-4 MM/EM  
ACCESSION NR: AP4049934

Z/0059/64/000/001/0023/0032

54

35

8

AUTHOR: Celikovsky, K. (Engineer)

TITLE: Some problems in the thermodynamic investigation of the subsonic stage  
of an axial compressor

SOURCE: Letnany. Vyzkumny a zkusebni letecky ustav. Zpravodaj vzlu, no. 1,  
1964, 23-32

TOPIC TAGS: turbine stage, rotor blade, axial compressor, thermodynamics, hub  
tip ratio, blade design, front fan bypass engine, pulsation, surge line, compres-  
sion, rotor tip, stator blade

ABSTRACT: The article analyzes problems in the thermodynamic investigation and in  
the design of a stage with a relatively long rotor blade, and gives the initial  
equations for the calculation of the flow field of the axial stage, along with de-  
cisive criteria for the calculation. As an example of the effect of  $d_1$ , the input  
hub-tip diameter ratio of the stage, on the kinematics of the stage, the results  
of the calculation of a stage with a hub-tip diameter ratio of 0.3675 are given,  
and the effect of the hub ratio on the characteristics of the stage and on its  
operating characteristics are discussed. The analysis was made with a view to

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L 26373-65  
ACCESSION NR: AP4049934

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using the stage in a front fan by-pass engine. A radial equilibrium equation is obtained by the solution of a system of thermodynamic flow equations, and the flow field of the stage was calculated for the axially symmetrical case with an approximation of the actual shape of the streamlines in a meridian plane. The characteristics of several stages with  $d_1 = 0.37, 0.5$ , and  $0.6$  are given, and the operating characteristics of a stage with  $d_1 = 0.45$  were verified in the vicinity of the surge line and the rotating stall. The pulsation at the surge line reaches almost 100% of the stage compression value. The experimental and calculated results indicate the great influence of the hub-tip ratio on the determining characteristics, in particular on the rotor tip and the root of the stator blade. The characteristic measurements of the stages with  $d_1 = 0.53 - 0.45$  showed good agreement with the calculated values. Orig. art. has: 10 figures and 5 formulas.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: PR, TD  
NO REF SOV: 004 OTHER: 013

Cord 2/2

L 00244-66 EPA/EWT(1)/ETC/EWP(1)/EWG(m)/T-2/ETC(m) WH/JW

ACCESSION NR: AP5019828

CZ/0059/65/000/001/0003/0012

63  
21.44.55

AUTHOR: Celikovsky, K. (Engineer)

TITLE: Contribution to the theory of thermodynamic simulation of axial compressors

SOURCE: Letnany. Vyzkumny a zkusebni letecky ustav. Zpravodaj vzlu, no. 1, 1965,  
3-12

1/65

TOPIC TAGS: simulation, thermodynamic process, axial compressor, axial flow

ABSTRACT: The article defines the similitude conditions involved in the simulation of thermodynamic processes in turbine-driven machines, particularly axial compressors. These conditions have been derived from differential equations of motion, from which similitude criteria were obtained which must be observed in order to keep the similarity between the simulated and the natural phenomena. When axial compressors are simulated for the same working fluid, it is necessary and sufficient that the following conditions be obeyed: (1) Geometric similarity between the model and the actual system (including the roughness of the blade profile in the range of Reynolds numbers usually associated with axial compressors); (2) Mach's similarity law; (3) Reynolds' similarity law; (4) Observance of the boundary conditions of the problem. Theoretical and experimental analyses established that the influence of the Reynolds number can be neglected

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L 00244-66

ACCESSION NR: AP5019828

in the flow core if  $Re_M > Re_{crit}$  and  $Re_D > Re_{crit}$ . However, omission of the Reynolds number for the whole stage does not fit models of small dimensions, where zones of vortex flow with a high entropy gradient are predominant; in such cases, the high value of  $Re$  does not justify the omission of the influence of viscosity, and the observance of the boundary conditions of the simulated phenomenon is of utmost importance. The simulation of compressors prove useful in speeding up the work and reducing the cost of research. Orig. art. has: 11 figures and 17 formulas.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: TD, PR

NO REF SOV: 008

OTHER: 010

Card 2/2

CZECHOSLOVAKIA / Chemical Technology. Chemical Products. H  
Fats and Oils. Beeswaxes. Soaps. Detergents.  
Surface-Active Agents.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 68837.

Author : Celinovsky J., Kunertova F.

Inst : Not Given.

Title : Catalytic Isomerization of Vegetable Oils.

Orig Pub: Chem. promysl, 1957, 7, No 7, 381-385.

Abstract: Conditions under which catalytic isomerization of cottonseed oil and formation of methyl esters of acids takes place, that lead to the reduction of acids, having conjugated double bonds, have been investigated. A nickel type catalyst was employed. It was prepared by precipitation from nickel sulfate with caustic followed by reduction of the dried precipitate with hydrogen. Thus prepared

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CZEGHOSLOVAKIA / Chemical Technology. Chemical Products. H  
Fats and Oils. Beeswaxes. Soaps. Detergents.  
Surface-Active Agents.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 68837.

**Abstract:** catalyst contained 35% Ni and 5% S. The isomerization reaction was conducted in N<sub>2</sub> atmosphere while reactants were agitated continuously at 130-260° for 5-120 minutes. The catalyst dosage employed was 1-4% (expressed at wt% of nickel basis fresh oil). The optimum operating conditions were established. They were: 2% catalyst dosage, 180°, and 1 hour reaction time. Under these conditions 40% of isomers with conjugated double bonds were formed. It was found that catalyst activity progressively declines and is a function of time in use.

Card 2/2

*PTA**CELINSKA, D.**b*

547.657.07

1176

Baranowska, T., Cellinska, D. The Preparation of Alpha-Naphthylacetic Acid.

"Otrzymywanie kwasu alfa-naftylooctowego". Przemysł Chemiczny. No 3, 1951, pp. 175-181, 5 tabs.

This article deals with the preparation of alpha-chloromethyl-naphthalene in the presence of  $H_3PO_4$ . The amount of  $H_3PO_4$  used is smaller, i. e. 287 g per 1 Kg of alpha-naphthylacetic acid instead of 1885 g; the yield of chloromethylation reaction remains the same. Chloromethylation was also performed, using continuous flow of gaseous dry HCl with  $H_3PO_4$  in the presence of 5 g of  $ZnCl_2$  and 12 g of silica gel per 1 mole of naphthalene. The yield of the former reaction was 54%, of the latter 50%. A use of chloromethylnaphthalene in agriculture is discussed.

L 31846-66

ACC NR: AP6021321

the greatest resistance was shown to penicillin (38.2 percent) and neomycin (17.6 percent). Territorial differences in resistance to antibiotics were statistically significant. Orig. art. has: 15 tables. JPRS

SUB CODE: 06/ SUBM DATE: none/ORIG REF: 014/ OTH REF: 001

Card 2/2 JS

EXCERPTA MEDICA Sec 7 Vol 13/2 'Pediatrics' Feb 59

421. BACTERIAL ENDOCARDITIS IN A CHILD AFFLICTED WITH ROGER DISEASE - Bakteryjne zapalenie wsierdzia u dziecka z chorobą Roger - Celńska W. I. Klin. Chor. Dziecięcych A. M., - GDAŃSK-PEDIAT. POL. 1950, 33/2 (210-213)

The clinical picture of this 5-year-old child was dominated by marked abdominal pain and a prolonged pyrexia. The child was suspected of typhoid fever but this possibility was excluded by clinical examination. Post-mortem examination verified the clinical diagnosis of bacterial endocarditis and Roger's disease.

Měšťan - Prague (XVIII, 7)

CELINSKA, Waclawa; MIEROSLAWSKI, Witold

Pneumothoracic pleural empyema. Polski tygod.lek. 15 no.12:428-  
431 21 Mr '60.

1. Z I Kliniki Chorob Dziecięcych A.M.G. kierownik: prof.dr med.  
K. Krecinski.

(PNEUMOTHORAX etiol.)

(EMPYEMA compl.)

(STAPHYLOCOCCAL INFECTIONS in inf.& child.)

CELIŃSKA, Waclawa; MALECKA-DYMNIKĘ, Stanisława

The circulatory system in acute glomerulonephritis. Pediat. polska  
35 no.11:1323-1329 N '60.

1. Z Kliniki Chorob Dzieci A.M. w Gdansku, Kierownik: prof.dr  
K.Erecinski.

(ELECTROCARDIOGRAPHY)  
(GLOMERULONEPHRITIS in inf & child)

CELINSKA, Waclawa; GOLEDZINOWSKA, Lucja; SZPAKOWSKA, Wanda; ZYCHOWICZ,  
Czeslaw

Effect of steroid hormones on the course of chickenpox.  
Polski tygod. lek. 16 no.42:1615-1618 16 0 '61.

1. Z I Kliniki Chorob Dzieci A.M. w Gdansku; kierownik: prof.  
dr med. K.Ercinski.  
(CHICKENPOX ther) (ADRENAL CORTEX HORMONES ther)  
(CORTICOTROPIN ther)

CELINSKA, W.; KAMINSKA, M.; MOZOLEWSKA, E.; SWICOWA, K.; SZCZUROWNA, N.

The problem of antrotomy in infant nutrition disorders. Pediat.  
pol. 36 no.5:521-526 '61.

1. Z I Kliniki Chorob Dzieci A.M. w Gdansku Kierownik: prof. dr  
med. K.Erecinski i z Kliniki Otolaryngologicznej AM w Gdansku  
Kierownik: prof. dr med. I.Iwaszkiewicz.  
(INFANT NUTRITION DISORDERS surg) (OTITIS MEDIA surg)

CELINSKA, Wacława

Acquired hemolytic anemia in the course of idiopathic thrombo-cytopenia in a 13-year-old boy. Pol. tyg. lek. 20 no.21:772-773  
24 My '65.

1. Z I Kliniki Chorob Dzieci AM w Gdansku (Kierownik: prof. dr.  
med. K. Erecinski).

CELINSKA, Waclawa; MAZUR, Elzbieta

Acquired autoimmune hemolytic anemia caused by Tarchocillin in a  
3-year-old girl. Pol. tyg. lek. 20 no.25:936-937 21 Je '65.

1. Z I Kliniki Chroby Dzieci AM w Gdansku (Kierownik: prof.  
dr. med. E. Erecinski).

CELINSKI, FLORIAN.

Celinski, Florian. - Czynniki glebowe a rosliosc kserotermiczna wielkopolskiego parku narodowego pod Poznaniem. Poznan, Nakl. Poznanskiego Tow. Przyjaciol, Nauk, 1953. 60 p. (Prace Monograficzne nad Przyrodą Wielkopolskiego Parku Narodowego pod Poznaniem, t. 2, zesz. 8) [Edaphic factors and xerothermal vegetation of the National Park of Great Poland near Poznan. German summary. map, bibl., tables]

SO: Monthly List of East European Accessions, L.C., Vol 3, No. 4, April, 1954

POLAND/Forestry - Dendrology.

K-3

Abs Jour: Ref Zhur - Biol., No 19, 1958, 86862

Author : Celinski, E., Wojterski, T.

Inst : Not given

Title : Antonin Oaks

Orig Pub: Chronmy przr. ojcz., 1956, 12, No 1, 51-53.

Abstract: Gigantic oaks grow in the vicinity of Antonin (Poland), 42 of which have a trunk of circumference at breast height of more than four meters. The trees are adapted to a low, moist habitat with ground water occurring at a depth of about two meters. The root circumference of the largest oak is 782 cm; its height is 25 meters. The tree is quite healthy and has no defects. -- N. I. Voronets.

Card 1/1

19

CELINSKI, F. ; FILIPK, M.

Forest-steppe reservation in Bielinck on the Oder River.

P. 221 (OCHRONA PRZYRODY) Poland, Vol. 6, No. 2, 1957.

SO: Monthly Index of East European Acquisitions (AEIA) Vol. 6, No. 11, November 1957.

CELINSKI, F. & FILIPEK, M.

The flora and plant communities of the forest-steppe reserve in Bielinek on the Oder River. p.5.

BADANIA FIZJOGRAFICZNE NAD POLSKA ZACHODNIA. Poznan, Poland. Vol.4, 1958.

Monthly List of East European Accessions Index (EEAI), LC. Vol. 8, no. 9, September 1959  
Uncl.

CELINSKI, F.; FILIPEK, M.

A new station of the Trichaster melanocephalus Czern. in Bielinek on the Oder River.  
p.231.

BADANIA FIZJOGRAFICZNE NAD POLSKA ZACHODNIA. Poznan, Poland. Vol.4, 1958.

Monthly List of East European Accessions Index (EEAI), LC. Vol. 8, No. 9, September 1959  
Uncl.

CELINSKI, J.

CELINSKI, J.

Industrialization of central heating and hot water installations.

p. 27 (Budownictwo Przemyslowe) Vol. 4, no. 2, Feb. 1955, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

CELINSKI, Zdzislaw, mgr inz.; FILIPOWICZ, Jerzy, mgr inz.

Load measurements in residential and public utility buildings in  
the city of Warsaw. Energetyka Pol 14 no.5:151-156 My '60.  
(EEAI 9:10)

1. Politechnika Warszawska, Zaklad Sieci Elektrycznych.  
(Warsaw--Buildings)  
(Poland--Electric power)

P/024/61/000/002/001/001  
A076/A126

AUTHOR: Celiński, Zdzisław, Master of Engineering

FILE: Combustion cells

PERIODICAL: Wiadomości Elektrotechniczne, no. 2, 1961, 45 - 47

TEXT: Electrical energy from conventional fuel is obtained by consecutive conversion of chemical energy into thermal energy → mechanical energy → electrical energy. In this conversion process great losses occur, which may be eliminated by direct conversion of chemical energy into electrical energy by the aid of combustion cells. The author describes the basic combustion principle of such cells, and the equipment produced by the "Union Carbide" and the General Electric Company, USA. Data published in this article as well as a description of the above equipment was obtained from an article published in "Mechanical Engineering, no. 8, 1959, 64 - 68". There are 3 tables and 5 figures.

ASSOCIATION: Katedra Energetyki Jądrowej Politechnika Warszawska (Department of Nuclear Energy, Warsaw Polytechnic)

Card 1/1